



# Marseilles Training Center Capabilities Brief

Your Training Our Mission

# Agenda

- Mission
- Capabilities and Training
- Facilities and Equipment
- Ranges
- Training Areas
- C-IED & TADSS Capabilities
- Billeting
- Future Projects
- AAFES
- RFMSS
- Summary
- Questions



# Mission

- The mission of the Illinois Training Sites is to command, operate, manage and administer the use of resources to conduct training, logistical and administrative support to accomplish all assigned missions. Provide world class customer service through administrative, engineering, logistical, training and operational support to assigned, attached, transient or tenant units and joint forces activities. On order, conduct sustained operations in support of Federal or State declared emergencies.



# Capabilities and Training

- MTC is primarily used for military training with all branches of service, in addition to a variety of police agency training. These agencies include Federal Bureau of Alcohol Tobacco and Firearms, Department of Natural resources, Illinois State Police, Chicago Police Department along with local and county police department and civic organizations.
- MTC housing complex has seven buildings for a total bed space capacity of 1,022. These facilities have modern digital classrooms and meeting areas, fully furnished dining facilities and free laundry facilities. Additionally, the Forward Operating Base has a total capacity of 1044 individuals, a battalion staff area and a shower facility.
- MTC has six live-fire ranges along with the ability to fire M60, M240, M249, M24, M2-HB, M16 series, pistols, submachine gun, shotgun, mini 14, bolt action rifles, M203 (TP), M79 (TP), 37mm and a practice grenade course.



# Facilities and Equipment

- **Forward Operating Base with Entry Control Point**
- **27 Building MOUT (Urban Area Site)**
- **TAMIS-R recognized Ammunition Supply Point**
- **Six Land Navigation Courses: Beginner to Expert**
- **Rappelling: 15' practice tower, 40' main tower and 50' natural cliff**
- **CS Gas & Smoke Training Chamber**
- **Conditioning Obstacle Course**
- **Confidence Obstacle Course (Air Assault Standard)**
- **Two Combatives Training Pits**
- **Firearms Training Facility (FAT V)**
- **Operator Driver Simulator (ODS)**
- **Virtual Convoy Trainer (VCOT)**
- **Call for Fire Trainer (CFFT)**
- **HMMWV Egress Assistance Trainer (HEAT)**
- **Weapons Cleaning Facility**
- **Waterborne Training Areas**
- **19 Landing Zones**
- **Convoy Live Fire Exercise Lanes**
- **Portable Live Fire Shoot Room**
- **Artillery/Mortar Firing Points**
- **Cable Bridge (50')**
- **Paintball Equipment**
- **Portable Live-Fire Targets**
- **IED Trainer Simulations Kit**
- **Close Combat Marksmanship Kit (CCMK)**
- **Live Fire Breach Range**
- **After Action Review Building**
- **Virtual Battle Space 2 (VBS2)- 52 work stations and 8 driver stations**
- **Night Vision Driving Course**
- **Track Vehicle Maneuver Area**
- **12-Mile Road March Course**

# Ranges





# CPQC Range



**A 10 lane Pistol Qualification, use for pistols and submachine guns on range, for calibers .22 thru .45 with velocities to 1400 fps Primary Use: Pistol Qualification**

# Alpha Range



**An 8 lane 10-25 meter Machinegun range: Weapon Types - M60, M240, M249, M24, M2-HB, M16 series, Pistols, SMG, & Shotgun ; Primary Use: 10 and 25 meter machine gun range**



# Bravo Range



**A 7 lane fully automated with computer scored and operated targetry and will print score sheets. Primary Use: Individual rifle qualification**

# Charlie Range



**A 55 points – 25 meter range; Weapon Types - M16 series, M249, Pistols, and Shotgun; Primary Use: Zeroing individual weapons, night firing, NBC firing**

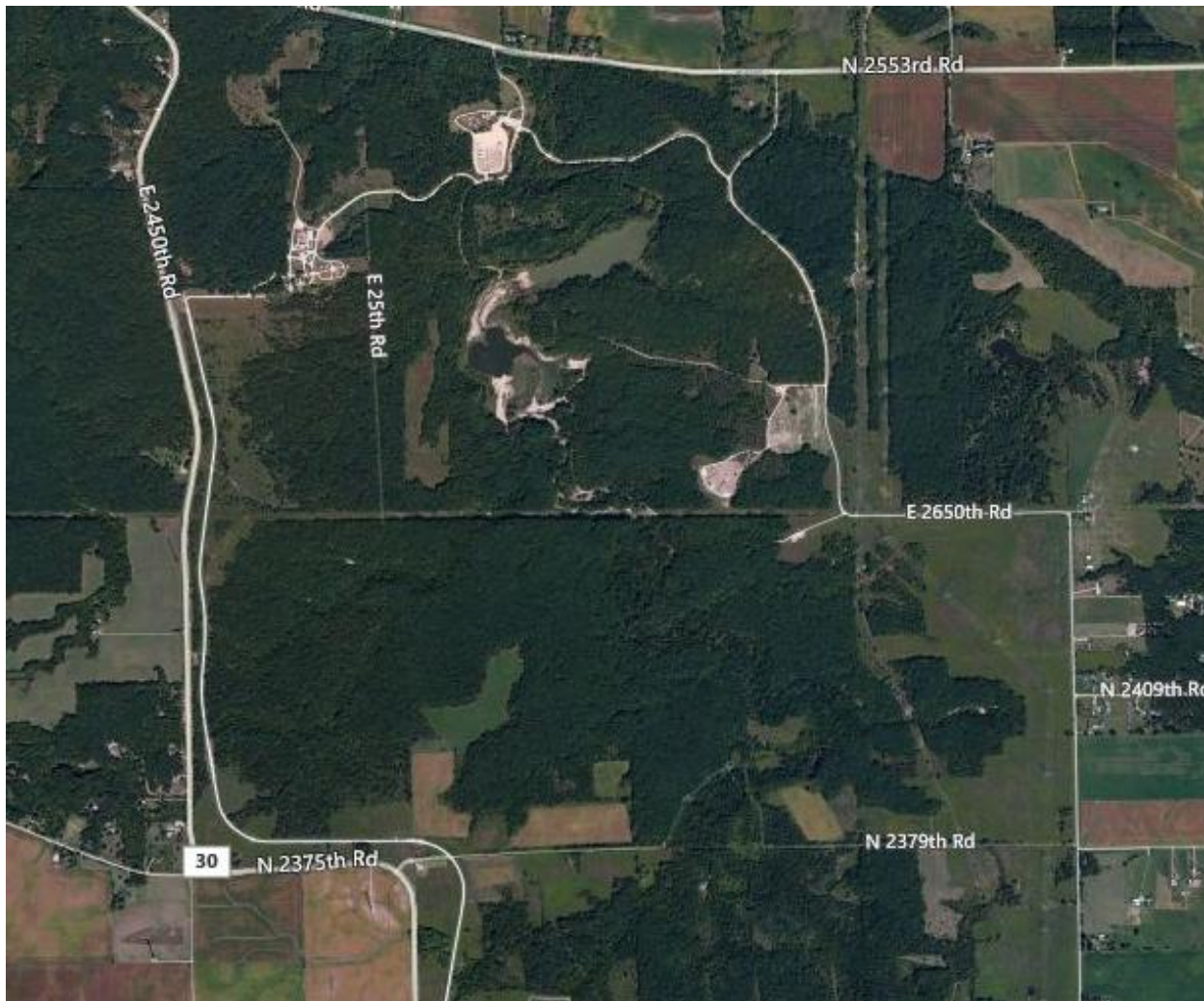


# Echo Range



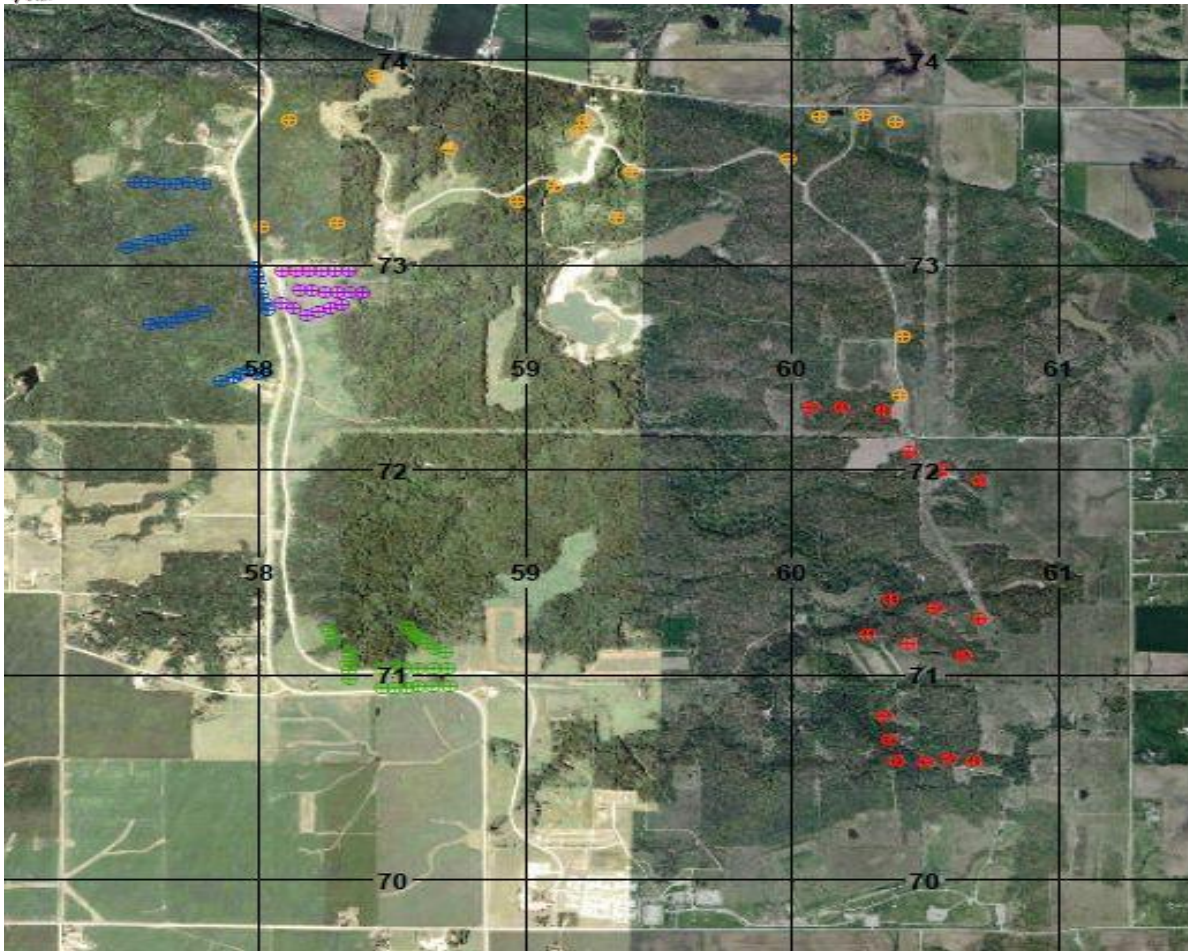
**1 Lane, 4 firing points (TP only) ; Weapon Types – M203,  
M79, 37mm ; Primary Use: Grenade Launcher  
Qualification**






# Training Areas





# Land Navigation



	101 North & South
	102 South
	104 East & Charlie
	102 North, East & 103 West
	104 West

6 land navigation courses offered; Land navigation packets are available on the website or at Range Control. These packets include prewritten tests, and information for a unit to produce its own test. The courses are listed above in order of difficulty.



# NBC & Smoke Training



**NBC area is located in training area 200, east of E Range; Units must provide all equipment and material to conduct training**



# Rappelling



**Rappel Facility consists of a 15" practice tower and a 40" main tower**



**Natural cliff approximately 50" in height located vicinity grid 595/736**



# Conditioning Course



Course contains multiple challenges and is designed for use as a two team competitive event or for a basic combat oriented course; meets the requirements for a litter obstacle course in accordance with the Expert Field Medical Badge standards

# Confidence Course



**Course is established in accordance with FM 21-20 and Air Assault standards**



# MOUT Training Facility

- MTC has a 27 building MOUT site that is available for training.
  - 4 Multi Story buildings
  - 2 Traffic Circles
  - 1 over pass
  - Mosque
  - AAR Facility
- Flash bangs, blanks, UTM rounds, paintball rounds and training I.E.D scenarios are authorized for use in the MOUT Site.
- MOUT site has Mechanical breaching capabilities.







# Forward Operating Base (FOB)



- 26 B-Huts equipped with 2 entrance exit points, 2 fire extinguishers, lights, windows and 20 cots per B-Hut. Extra fire extinguishers and cots are available.
- 2 DFAC tents that is supplied with 50 picnic tables.
- ECP on the North east end for tactical training.
- 5 security guard towers.
- Male and female shower trailers (requires an outside contract).
- Power ran to all B-HUTS and DFAC by 2 60KW Diesel generators.
- Billeting capacity for 650 troops.



# C-IED and TADSS



# Counter-IED Capabilities



## TRAINING:

- **CLASSROOM** - IED AWARENESS, IED PETTING ZOO, HOMEMADE EXPLOSIVES (HME) TRAINING, BIOMETRICS AND UXO AND MINEFIELD AWARENESS
- **CLASSROOM/LIVE ENVIRONMENT** - COUNTER RADIO-CONTROLLED ELECTRONIC WARFARE (CREW), ATTACK THE NETWORK / INTEGRATION OF C-IED ENABLERS, AND EVIDENCE COLLECTION / SITE EXPLOITATION
- **LIVE ENVIRONMENT** - MOUNTED AND/OR DISMOUNTED IED-DEFEAT AND MANEUVER (LIVE ENVIRONMENT WITH TAILORED SCENARIOS)
- **BRIEFINGS** - CLASSIFIED / UNCLASSIFIED THREAT BRIEFINGS, IED-D TTP'S TRAINING SEMINARS AND RELATED PROGRAMS, AND BATTLE STAFF SEMINARS AND TRAINING FOR CURRENT AO



# TADSS

## Training Enablers

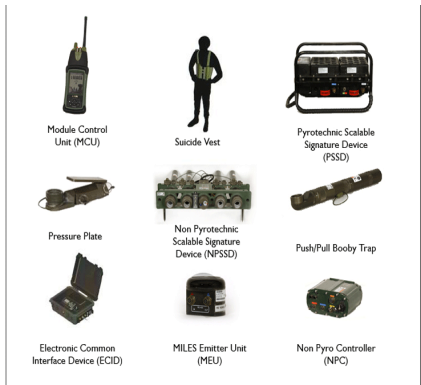
- Machine Gun Noise-Flash Simulator
- Beam Hit System
- Portable Pop-Up Targetry
- Short Range Training Ammunition Bolts
  - M16/M4 M2 Practice Bolt
  - M2 Browning Machine M3 Recoil Amplifier Barrel Assembly
- M69 Practice Grenade
- INERT IED Simulation Kit
- C-IED Pyro-Technique Training Aids
  - Multi-Purpose Trainer (MPT30)
  - FOX Firing Device
  - UV-IED
  - JACIT 155mm Simulator
  - IEDES A & B Kits
- Shoot Back Device
- Moving Infantry Target System (MITS)

## Paintball

- Tiberius Arms (Veritas)
- Tippman Paintball Gun (AK47)
- Paintballs
- Engler Custom M2 (.50 Cal)

## UTM

- 160 M4 Bolts
- 20 M249 Bolts
- 60 M9 Bolts



# Virtual Battle Space 2 (VBS2)



**Virtual Battle Space 2 (VBS2)- a three-dimensional program that allows soldiers to maneuver/train on terrain that replicates geo-specific Afghanistan and other contemporary environments. Training includes systems instruction, technical and AAR support. The program provides: IED events, respond to crowds, check points, convoy operations TTPs and training, radio communications, platoon level mounted infantry tactics, dismounted operations, ROE training, and cross-cultural communications training. This program includes 52 work stations and 8 driver stations.**



# Virtual Convoy Operations Trainer (VCOT)



The VCOT is a crew station trainer with crew stations for each crew member and table top trainers for quick and easy set up and movement. The VCOT has a 360-degree visibility and engagement area. Exercises include enemy IEDs, RPGs, machine gunners, riflemen, technical trucks, mortars and suicide vehicles.

# Mine Resistant Protected (MRAP) Trainer



**Provides individual and collective route clearance training for: Buffalo Mine Protected Clearance Vehicle (MPCV), Husky Vehicle Mounted Mine Detection (VMMD), RG-31, JERRV Medium Mine Protected Vehicles (MMPV), and Talon Man Transportable Robotic System (MTRS). Has the ability to train up to 26 Soldiers at one time. Training takes place in virtual simulators that realistically simulate combat conditions including terrain, weather, visibility, vehicle operating conditions, IED-D, and opposing enemy forces. Scenarios demonstrate how to detect, mark, interrogate, and report explosive hazards.**

# Call For Fire Trainer (CFFT)



**This simulator supports basic through advanced levels of call-for-fire missions, to include forward observer tasks and procedures and mission planning. The CFFT uses artillery with close air support, naval gunfire and mortars.**

# HMMWV Egress Assistance Trainer (HEAT)



The HEAT system is a live training device designed for vehicle roll over drills.

# Firearms Training Simulator (FATS V)



**FATS is an indoor 12-lane Laser Marksmanship training device. Multiple marksmanship training and tactical scenarios available. Available Weapon types: M9, M16, M60, M203, M249, M2, MK19, 60mm, 81mm, AT4.**



# MTC Billeting





# Alpha Building

Contains:

- A large DFAC fully equipped with cooking equipment and cooking utensils. Capacity-150 per sitting
- 4 Classrooms-each with a projector and RCAS Lines. Capacity-45 per classroom
- Computer Lab- consists of 8 HP Kiosks (.mil only) and 4 RCAS computers.
- Battalion Office Area- 10 offices and 1 conference room with RCAS capabilities.



# Bravo Building

- Bravo Building consists of 58 individual rooms
- Each room has television, DVD player, civilian or RCAS internet access, work desk, coffee maker, and a recliner.



# Company Support Buildings

- **Charlie Building-** contains an administration office, supply room, DFAC, and 2 laundry facilities. Capacity- 261
- **Delta Building-** contains an administration office, supply room, DFAC, and 2 laundry facilities. Capacity- 241
- **Echo Building-** contains an administration office, supply room, 1 laundry facility, and a 30 person classroom. Capacity- 321
- **Foxtrot Building-** contains an administration office, supply room, 1 laundry facility, and a 30 person classroom. Capacity- 321





# Future Projects

# Future Projects and Projected Dates

- Urban Assault Course FY 15
- Live Fire Shoot House FY 15
- MRF Expansion FY 15
- Infantry Squad Battle Course FY 15



RFMSS





# Range Facility Management Support System (RFMSS)

New link for MTC ILNG to training calendar and request forms:

<https://ngil-rfmss.ngb.army.mil/Ranges/Pages/Login.aspx>

New link for MTC Non-CAC/Civilian to training calendar and request forms:

<https://rfmssbackup.belvoir.army.mil/ranges/pages/login.aspx>

For All Questions Regarding Marseilles Training Center RFMSS Call:  
SPC Gutierrez at 815-750-6524





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# QUESTIONS?